Today's Topics:
                         8051 emulator, etc.
                                ARRL
                        ARRL and tx/rx mods
                Interception of E-Mail by spies (2 msgs)
                      Profanity on rec.ham-radio
                   Strong language and retansmission.

Date: Fri, 22 Dec 89 09:56 EST
From: <BRUCEH%UTKVX3.BITNET@CORNELLC.cit.cornell.edu>
Subject: 8051 emulator, etc.

I've worked with the 8051 for a couple of years. What would probably be
the best is an incircuit emulator. There are several that can plug into
an expansion slot of a pc. they can run your code stand-alone or replace
the micro-p in your hardware circuit and then drive your hardware. The
software on the pc that controls the emulator gives you a very good window
into the micro-p itself. The prices range from $495 upwards. This is
probably not what you were asking for, but they sure make micro-p development
a snap. I would be interested in anything you come up with on the simulator.

Bruce Harrison WB4MJG
Univ. of Tennessee at Martin
BRUCEH@UTKVX   (bitnet)

Date: 22 Dec 89 16:05:42 GMT
From: victim.dec.com!reisert@decwrl.dec.com (Jim -- LTN1-2/H03 -- DTN 226-6905
22-Dec-1989 1108)
Subject: ARRL
Message-ID: <8912221605.AA11364@decwrl.dec.com>

In article <15122@eerie.acsu.Buffalo.EDU>, bowen@cs.Buffalo.EDU (Devon
Bowen) writes...

>I just recently got my first issue of 73 and I'm quite impressed with how
>much they are trying. The magazine seems more in tune with the kind of people
>that just want to have fun and learn in new areas. There have been an increas-
>ing number of QST articles that I end up just putting on the stack because
>there isn't a single article that I find interesting.

I disagree. _73_ has always seemed to me like watered-down electronics. I
stopped reading it years ago. _QST_ is so much more than _73_ ever was or

will be. Read "Technical Correspondence" sometime and you'll see what I
mean. _Ham Radio_ used to be great technically, but it never recovered
completely after the passing of Jim Fisk, W1HR. I still enjoy it, though
(not as much since W1JR stopped writing last year ;-).

Rather than quitting the League (which does a lot more than just publish a
magazine every month), have you considered sitting down to write an article
yourself? If you don't like the content, try to do something about it! If
you don't like contesting, just don't read the announcements/results - it's
not like they take more than a few pages at most. Quit the League if you
don't believe in the cause (support and representation for Amateur Radio),
not just 'cause you don't find anything interesting in their 'report'.

jim, AD1C

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"The opinions expressed here in no way represent the views of Digital
 Equipment Corporation."

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Date: 22 Dec 89 14:38:55 GMT
From: masscomp!ocpt!ccop1!wilson@think.com (<masscomp!ocpt!ccop1!
wilson@think.com>)
Subject: ARRL and tx/rx mods
Message-ID: <271@ccop1.ocpt.ccur.com>

In article <7880101@hpfcdc.HP.COM>, perry@hpfcdc.HP.COM (Perry Scott) writes:
> I recant. I said Marine VHF, and what you say is true. That band requires
> type acceptance.
>
> However, CAP other para-military frequencies are well within the
> capabilities of most 2-meter rigs. I've been told that most military
> bands do not need the type acceptance.
>
> Funny how the government treats itself and commercial interests differently.
>
>
> Perry Scott
> KF0CA

Absolutely true. As a an Air Force MARS operator (AFB1WA) I can tell you
that the FCC has no authority over Federal Government Radio Stations.
Federal Government operations are coordinated by something called
the Interdepartmental Radio Coordinating Committee (or something like
that.. I sure someone will post the correct title). This is the
organization that coordinates frequency usage and tolerance for
US Government operations.

Incidently, when I operate my station as WB2BOO I come under FCC authority;
when I operate on USAF frequencies as AFB1WA I come under the control of USAF
Communications Command, the USAF Frequency Coordinating Office and the
above mentioned committee. No type acceptance is required; I am responsible for
frequency tolerance. On HF, we generally have assigned frequency monitoring
stations (FYMON's) to check our tolerance.

By the way, I'm retired from CAP. CAP as a federal non-profit corporation is
under FCC juristiction in the Aviation Service. The FCC waived type acceptance
for them due to the volunteer nature of their operation. They do have frequency
tolerances that
 have to be met and an FCC commercial license is required to adjust the frequency
on their sets. There was a plan to move them as the USAF Auxiliary to USAF
control, but it didn't go through due to USAF budgetary restraints.
Type acceptance is basicly designed to ensure that the real appliance operator in
other services (the fireman, the EMT, etc) will not interfere with other services.
Perhaps there should be exceptions for such a person who also holds a commercial
or an am
ateur license.

I for one appreciate modifications for out of Amateur band operations; one of
the major stumbling blocks for many Hams to get involved in MARS is finding
such modificaction information for their rigs. This forum provides a good channel
for desseminating such information.

73

Gary Wilson

WB2BOO @ KB1BD-4.NJ
AFB1WA @ AFA1NC-4

>... any idea how many Crays NSA has? The answer is "many." They now admit to

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>having at least one of "each" -- that is, at least one X-MP, one Cray-2, and
>one Y-MP, although my primary sources indicate that there are many more.  All
> you have to do is to count the missing serial numbers.

According to at least one published source, the Cray serial
numbers are fictitous for this very reason. Maybe the ones at
Ft. Meade and Los Alamos have sn: 3a, 3b, 3c, 3d, etc..

BTW, "The Puzzle Palace" is interesting reading.
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A host is a host & from coast to coast...wb8foz@mthvax.cs.miami.edu
no one will talk to a host that's close..............(305) 255-RTFM
Unless the host (that isn't close).....................pob 570-335
is busy, hung or dead..................................33257-0335


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Date: 22 Dec 89 15:07:48 GMT
From: mjr@mimsy.umd.edu   (Marcus J. Ranum)
Subject: Interception of E-Mail by spies
Message-ID: <21407@mimsy.umd.edu>

In article <34958@grapevine.uucp> koreth@panarthea.ebay.sun.com (Steven Grimm)
writes:
>In other words, there are as many spies monitoring E-Mail as there are
>10-foot-long alligators in the New York City sewers.

    Yes, but there *ARE* lots of spies who *USE* the internet to send
information to each other !

    What do you think all those mysterious ':-)'  and  ';-)'  triglyphs
are ?! Two years ago - and don't ask me how I know this - all of AT&T UNIX
SVR4's source was shipped to an eastern bloc nation by encoding it into a
particularly voluminous net-poster's .signature files !

mjr.

:-)  :-)  ;-)  !-)  :-)  :-) &-)
(Yosip, the cruise missiles you wanted are back-ordered - will you let us
substitute mauve for red ?)


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    He was in his room half awake, half asleep. The walls of the room
seemed to alter angles, elongating and shrinking alternately, then twisting
around completely so that he was in the opposite side of the room.
    "A trick of the light and too much caffeine," he thought.    -Bauhaus

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Date: 22 Dec 89 16:35:50 GMT
From: medin@cod.nosc.mil (Ted Medin)
Subject: Profanity on rec.ham-radio
Message-ID: <1731@cod.NOSC.MIL>

In article <8912220803.AA29003@ucbvax.Berkeley.EDU> 702WFG@SCRVMSYS.BITNET (bill
gunshannon) writes:
>:-(
>I can think of no time when profanity has added any value to a conversation
>here or anywhere else.

Amen!

Date: 22 Dec 89 15:01:49 GMT
From: masscomp!ocpt!ccop1!wilson@think.com (<masscomp!ocpt!ccop1!
wilson@think.com>)
Subject: Strong language and retansmission.
Message-ID: <272@ccop1.ocpt.ccur.com>

In article <10566@ucsd.Edu>, brian@ucsd.Edu (Brian Kantor) writes:
> What I transmit, whether I originated it or just am relaying it is MY
> responsibility - and it's my license on the line. I will judge the
> content or whether I need to examine stuff before I transmit it.
>
> I do NOT feel that I have the right to expect anyone posting articles
> (that I may or may not be relaying) to restrain their language.
>
> It's a practical impossibility anyway. C'mon, people, this is the real
> world here, not an ice-cream social!
>   - Brian

Perhaps.   As a child though, I was taught by my father that profanity
is the mark of an uneducated man. An educated man has a vocabulary that
is sufficiently large enough to make his feelings known without resorting
to vulgarity.

I would hope that the amateur community considers itself educated.

73

Gary Wilson, WB2BOO

End of INFO-HAMS Digest V89 Issue #1057

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